

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/055652 A1

(51) International Patent Classification⁷: **H04R 25/00**,
25/02

[DK/DK]; c/o Oticon A/S, Strandvejen 58, DK-2900
Hellerup (DK). LUNDBY, Jens [DK/DK]; c/o Oticon
A/S, Strandvejen 58, DK-2900 Hellerup (DK).

(21) International Application Number:
PCT/DK2004/000832

(74) Common Representative: **OTICON A/S**; Strandvejen
58, DK-2900 Hellerup (DK).

(22) International Filing Date:
30 November 2004 (30.11.2004)

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2003 01800 5 December 2003 (05.12.2003) DK

(71) Applicant (for all designated States except US): **OTICON
A/S** [DK/DK]; Strandvejen 58, DK-2900 Hellerup (DK).

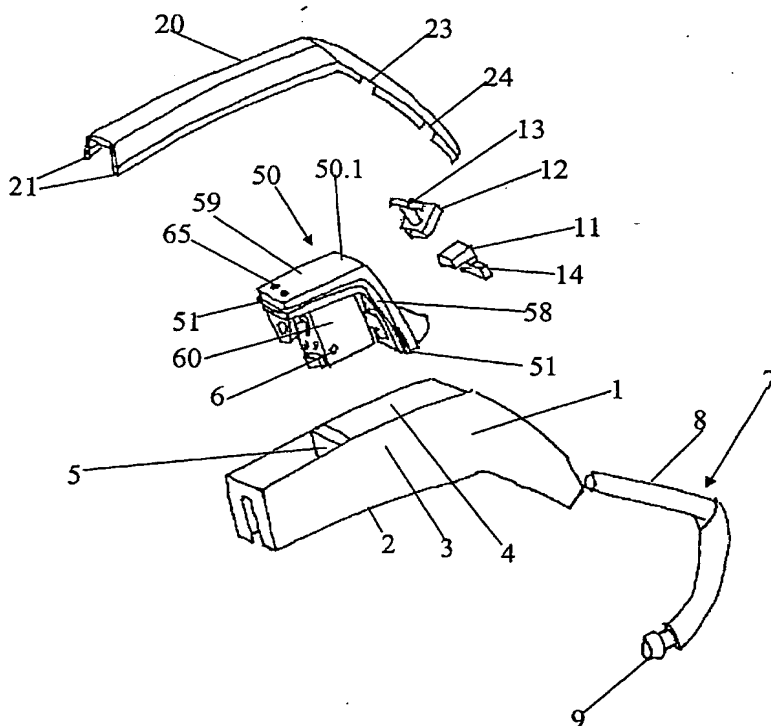
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TIPSMARK, Claus**

[Continued on next page]

(54) Title: **COMMUNICATION DEVICE WITH RECEIVER ENCLOSURE**



(57) Abstract: The invention concerns a communication device with means for delivering an audio signal to the ear of a user. The communication device comprises a casing intended for wear at the ear, and the casing contains; a microphone, a signal processing device, a receiver for delivering an audio signal to the users ear canal, and a receiver enclosure whereby the receiver enclosure has wall parts forming part of the casing which in co operation with detachable wall parts form the enclosure in an air tight manner for sound isolation of the receiver.

WO 2005/055652 A1

WO 2005/055652 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*